(54) **ROBOT AS PERSONAL TRAINER**

(71) Applicant: **Sony Interactive Entertainment Inc.,** Tokyo (JP)

(72) Inventor: **Dominic Mallinson**, Redwood City, CA (US)

(57) **ABSTRACT**

Methods and systems for using a robot to provide feedback to a user when the user is engaged in a physical activity includes detecting presence of the user in a geo-location. The user is identified and associated with the robot. User activity in the geo-location is monitored and when the robot detects the user is performing an exercise from an exercise routine, the robot is positioned to one or more positions proximate to the user so as to capture image of a posture held by the user while performing the exercise. The captured image is analyzed and feedback provided to the user to allow the user to improve their posture.